What is Claimed:

1	1.	A method of mounting a fiber optic unit to a photosensor, the
2	method comprising	the steps to:
3		mounting the photosensor to a first carrier;
4		bonding a first end of the fiber optic unit to the photosensor to
5	create a joint betwe	en the fiber optic unit and the photosensor;
6		mounting a second end of the fiber optic unit to a second
7	carrier; and	
8		compressing the joint between the fiber optic unit and the
9	photosensor to strengthen the bond between the fiber optic unit and the	
10	photosensor.	
1	2.	The method of claim 1, further comprising the step of aligning
2	an optical axis of the	e fiber optic unit with an optical axis of the photosensor.
1	3.	The method of claim 2, further comprising the step of applying
2	a pressure along the	e optical axis of the fiber optic unit.
1	4.	The method of claim 2, further comprising the step of applying

5. The method of claim 1, further comprising the step of applying the pressure to a side of the first carrier.

a pressure along the optical axis of the photosensor.

1	6.	The method of claim 2, further comprising the step of applying
2	a flexible backing along the optical axis of the photosensor.	
1	7.	The method of claim 6, further comprising the step of applying
2	the pressure to the f	dexible backing.
1	8.	The method of claim 6, further comprising the step of
2	compressing the flexible backing.	
1	9.	The method of claim 6, further comprising the step of applying
2	at least one compression force to the flexible backing.	
1	10.	A device for mounting a fiber optic unit to a photosensor, the
2	device comprising:	
3		a photosensor mounted to a first carrier;
4		a fiber optic unit coupled to the photosensor to create a joint
5	between the photosensor and the fiber optic unit; and	
6		a force applying means coupled to the photosensor and the
7	fiber optic unit for a	pplying a compression force to the joint.
1	11.	The device of claim 10, wherein the force applying means
2	includes a second carrier mounted to the fiber optic unit.	
1	12.	The device of claim 10, wherein the force applying means

includes a flexible backing coupled to the first carrier.

- 1 13. The device of claim 10, wherein the force applying means 2 includes a spring.
- 1 14. The device of claim 13, wherein the spring presses the flexible backing against the first carrier.
- 1 15. The device of claim 12, wherein the flexible backing is formed from a paste material.